

YEFIMOV, A.I.

RT-1099 (Fumigators and their use in plant quarantine) Extracted from Chapter I of:
FUMIGATY I IKH PRIMENENIE V PRAKTIKE KARAN'TINA RASTENII. Moscow, 1940. 70 pages

YEFIMOV, A. L.

YEFIMOV, A. L. Diseases of Vegetables and Control Measures, State Publishing
House of Sovkhoz and Kolkhoz Literature, Moscow, 1942, 15 pp. 464.04 Ef6

So: SIRA S190-15, 15 Dec. 1953

YEFIMOV, A. L.

YEFIMOV, A. L. Handbook on the Use of Poisons for the Control of Pests and Diseases
OF Agricultural Plants, State Publishing House of Sovkhoz and Kolkhoz Literature,
Moscow, 1945, Ed. 2, 223 pp. 464.4 Ef6

So: SIRA S190-15, 15 Dec 1953

YEFIMOV, A. L.

YEFIMOV, A. L., OBOLENSKIY, V. K., KRIZNIAK, P. A. "Potato Wart Control in
U. S. S. R.," Selektsiia i Semenovodstvo, vol. 14, no.10, 1947, pp.26-30.
61.9 Se5

So: SIRA S190-15, 15 Dec. 1953

YEFIMOV, A. L.

A. L. Yefimov, Spravochnik po primeneniyu yadov dlya bor'by s vreditelyami i boleznyami rasteniy (Reference Book on the Use of Poisons for Combatting Verrin and Plant Diseases), fifth edition, revised and supplemented, Sel'-khozgiz, 18 sheets. 1948.

The reference book describes the properties of poisonous chemicals which are in use and methods of utilizing them for the protection of plants.

The reference book is intended for agronomists and supervisory workers of kolkhozes, sovkhoses, machine-tractor stations, and rayon agricultural divisions.

SO: U-6472, 18 Nov 1954

YEFIMOV, AL. L.

The Colorado potato beetle Moskva "Molodaia Gvardia", 1950. 4/ p.

DA

1. Potato-beetle. I. Iakovlev, B.

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YEFIMOV, A. L. Handbook on the Use of Poisons for the Control of Pests and Diseases of Agricultural Plants. State Publishing House of Agricultural Literature, Moscow, 1951, 302 pp. 464.4 Ef6 Ed.4

So: SIRA S190-15, 15 Dec. 1953

Yefimov, A. L.

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1953

Spravochnik po primeneniyu yadov dlya bor'by s vreditelyami i boleznymi
raste niy (Manual on the use of poisons for the control of plant diseases and
pests) Izd. 5. ispr. i dop. Moskva, Sel'khozgiz, 1953.
336 p. Tables.

YEFIMOV, Aleksandr Leonidovich

[Control of pests and diseases of spring wheat and millet in
virgin and idle lands] Bor'ba s vrediteliami i bolezniami
iarovoi pshenitsy i prosa na tsolinnykh i zalezhykh zemliakh.
Moskva, Gos.izd-vo sel'khoz.lit-ry, 1954. 45 p.

(MIRA 15:9)

(Wheat--Diseases and pests) (Millet--Diseases and pests)

YEFIMOV, A.L.; REBENKOVA, A.I., redaktor; PETRUSHKO, Ye.I., tekhnicheskii
redaktor.

[Brief guide to the use of poisons for the control of pests
and diseases of plants] Kratkiy spravochnik po primeneniiu iadov
dlia bor'by s vrediteliami i bolezniami rastenii. Moskva,
Gos. izd-vo selkhoz. lit-ry, 1954. 159 p. [Microfilm]

(MLRA 7:12)

(Plants, Protection of) (Pesticides) (Insecticide)

YEFIMOV, A. L.

12141* (A New Preparation for Treating Cotton Seeds Against Gummosis.) Novyi perspektivnyi preparat dlia protivlivaniia semian khlopkhatnika protiv gommoza. A. L. Efimov and K. N. Mushnikova. *Zemledelie*, v. 2, no. 4, Apr. 1954, p. 104-106.
Application of 20% Cu trichlorophenolate at rate of 8 kg. per ton of seeds improved yield. Tables.

YEFIMOV, A.L. (Moskva)

First aid measures in poisoning from gas and vapor poisons used in agriculture. Fel'd. i akush. no.1:34-39 Ja '55. (MLRA 8:3)

(FIRST AID,
in gas & vapor pois. in agriculture)
(POISONING,
gas & vapor, first aid in agriculture)
(AGRICULTURE,
gas & vapor pois., first aid)
(GASES, poisoning,
first aid in agriculture)

YEFIMOV, A.I. (Moskva)

Preventive measures and first aid in poisoning with compounds used
for the extermination of parasites on farm plants. Fel'd.i akush.
no.3:31-34 Mr '55. (MLRA 8:5)

(INSECTICIDES, pois.,
prev. & ther.)

(POISONS,
insecticides, prev. & ther.)

YE FIMOV, A.L.

EMOK, A.M.; YEFIMOV, A.L.

Diapause of the pink bollworm (*Pectinophora gossypiella* Saund.)
Zool.shur.34 no.5:1052-1060 S-O '55. (MLRA 9:1)

1. Tsentral'naya laboratoriya po karantinu sel'skokhozyaystvennykh
rasteniy Ministerstva sel'skogo khozyaystva SSSR.
(Bollworm)

SVIRIDENKO, V.V.; KRYSHTALEVA, M.S., glavnyy metodist; YEFREMOV, Yu.K.,
otvetstvennyy redaktor; YEFIMOV, A.L., redaktor; BALLOD, A.L.,
tekhnicheskiy redaktor

["Northern Caucasus" pavilion; a guidebook] Pavil'on "Severnyi
Kavkaz"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry,
1956. 31 p. (MLRA 9:9)

1. Moscow. Vsesoyuznaya sel'skokhozyaystvennaya vystavka, 1954-
2. Direktor pavil'ona (for Sviridenko)
(Caucasus, Northern--Agriculture)
(Moscow--Agricultural exhibitions)

GORLENKO, M.F., professor, doktor sel'skokhozyaystvennykh nauk, redaktor;
YEFIMOV, A.L., redaktor; VESKOVA, Ye.I., tekhnicheskii redaktor

[Plant immunity to diseases and pests] Immunitet rastenii k zabo-
levaniyam i vrediteliam. Pod red. M.F.Gorlenko. Moskva, Gos.izd-vo
selkhoz. lit-ry, 1956. 211 p. (MIRA 9:8)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni
V.I.Lenina. 2. Zamestitel' predsedatelya seksii zashchity rasteniy
Vsesoyuznoy ordena Lenina akademii sel'skokhozyaystvennykh nauk
imeni V.I.Lenina (for Gorlenko)
(Plants--Disease and pest resistance)

YEFIMOV, A.L.; BOYARSKAYA, L.S., redaktor; PERESYPKINA, Z.D., tekhnicheskii
redaktor

[Agriculture in England] O sel'skom khoziaistve Anglii. Moskva,
Gos. izd-vo sel'khoz. lit-ry, 1956. 182 p. (MLRA 10:3)
(Great Britain--Agriculture)

BUDYUK, V.P.; ~~YEFIMOV, A.L.~~; BLINKOVA, M.V., kand. sel'skokhozyaystvennykh nauk, starshiy agronom; SEMENOVSKIY, A.A., red.; MOROZOV, D.N., red.; PAVLOVA, M.M., tekhn. red.; FEDOTOVA, A.F., tekhn. red.

[Corn in 1955] Kukuruza v 1955 godu. Moskva, Gos. izd-vo sel'khoz. lit-ry. No.1. [Non-Chernozem region] Nechernozemnaya zona. 1956. 366 p. No.2. [Districts of the Central Black Earth region and the Volga region] Raiony tsentral'no-chernozemnoi zony i Povolzh'ya. 1956. 263 p. (MIRA 11:9)

1. Glavnoye upravleniye sel'skokhozyaystvennoy nauki Ministerstva sel'skogo khozyaystva SSSR (for Blinkova).
(Corn (Maize))

YEFIMOV, Aleksandr Leonidovich; ROMANOVSKIY, M.V., redaktor; SOKOLOVA, N.N.,
tekhnicheskiiy redaktor

[Manual on the use of poisons for combating pests and diseases of
plants] Spravochnik po primeneniiu uadov dlia bor'by s vrediteliami
i bolezniami rastenii. Izd. 6-oe, perer. i dop. Moskva, Gos. izd-vo
selkhoz. lit-ry, 1956. 431 p. (MLRA 9:8)
(Fungicides) (Insecticides)

YE FIMOV, 1916
TIMIRYAZEV, Kliment Arkad'yevich; BEDNARSKAYA, G.A., red.; YEFIMOV, A.L.,
red.; VESKOVA, Ye.I., tekhn.red.

[Selected works in two volumes] Izbrannye sochineniia v dvukh
tomakh. Moskva, Sel'khozgiz. Vol.1. 1957. 723 p. Vol.2. 1957.
947 p. (MIRA 11:4)

(Botany--Physiology)

(Scientists--Correspondence, reminiscences, etc.)

YEFIMOV, Aleksandr Leonidovich,; RUMYANTSEV, A.T., red.; DEYEVA, V.M., tekhn. red.

[Concise manual on the use of poisons in controlling pests and diseases of plants] Kratkii spravochnik po primeneniiu iadov dlia bor'by s vrediteliami i bolezniami rastenii . Izd. 2., perer. i znachitel'no dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958. 287 p. (MIRA 11:11)

(Pesticides)

(Fungicides)

YEFIMOV, Aleksandr Leonidovich; RUMYANTSEV, A.T., red.; PRVZNER, V.I.,
tekhn.red.; GOR'KOVA, Z.D., tekhn.red.

[Short guide to the use of poisons in controlling plant
diseases and pests] Kratkii spravochnik po primeneniiu
iakov dlia bor'by s vrediteliami i bolezniami rastenii.,
Izd.3., dop. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959.

293 p.

(Insecticides)

(Agricultural chemicals)

(MIRA 12:7)

YEFIMOV, A.L.

"Dictionary-handbook for the entomologist." Reviewed by A.L. Efimov.
Zashch.rast.ot vred.i bol. 5 no.2:60-61 F '60. (MIRA 15:12)
(Entomology--Dictionaries)

YEIMOV, A.L., red.; KOZLOVSKAYA, M.D., tekhn.red.

[Biology of weeds; reference book for teachers] Biologiya
sornykh rastenii; posobie dlia uchitel'ia. Moskva, Gos.
uchebno-pedagog.izd-vo M-va prosv.RSFSR, 1960. 153 p.
(MIRA 14:3)

(Weeds)

YEFIMOV, A.L. (Moskva)

Principal poisons for the extermination of murine rodents and prophylactic measures and first aid in cases of poisoning. Vol'd. 1
akush. 25 no.1:25-30 Ja '60. (MIRA 13:4)
(RODENTICIDES) (POISONING)

BAKHTEYEV, Fatikh Khafizovich, prof., doktor sel'skokhoz.nauk;
YEFIMOV, A.L., red.; ANDREYEVA, K.A., red.kart; KOVALENKO,
V.L., tekhn.red.

[Studies on the history and geography of important cultivated
plants; reference book for teachers] Ocherki po istorii i
geografii vazhneishikh kul'turnykh rastenii; posobie dlia
uchitel'ia. Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv.
RSFSR, 1960. 371 p. (MIRA 14:4)
(Plants, Cultivated)

KASTORIN, Aleksandr Aleksandrovich, kand.ekon.nauk. Prinimali uchastiye:
AVERKIYEV, N.P., dotsent; ALEKSEYEV, T.D., dotsent. YEFIMOV, A.L.,
red.; DRANNIKOVA, M.S., tekhn.red.

[Problems of economics and organization in the agriculture of the
U.S.S.R. for study in school; manual for teachers] Nekotorye
voprosy ekonomiki i organizatsii sel'skogo khoziaistva SSSR dlia
izucheniia v shkole; posobie dlia uchitel'ia. Moskva, Gos.uchebno-
pedagog.izd-vo M-va prosv.RSFSR, 1961. 290 p. (MIRA 14:6)

1. Leningradskiy sel'skokhozyaystvennyy institut (for Averkiyev,
Aleksseyev).
(Agriculture→Economic aspects)

ZHADIN, Vladimir Ivanovich; GERD, Sergey Vladimirovich; YEFIMOV, A.L.,
red.; PASHCHENKO, O.V., red. kart; TATURA, G.L., tekhn. red.

[Rivers, lakes, and reservoirs of the U.S.S.R., their fauna and
flora] Reki, ozera i vodokhranilishcha SSSR, ikh fauna i flora.
Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961.
597 p. (MIRA 14:10)

(FRESH-WATER BIOLOGY)

KOMARNITSKIY, Nikolay Aleksandrovich[deceased]; KUDRYASHOV, Leonid
Vasil'yevich; URANOV, Aleksey Aleksandrovich; YEFIMOV, A.L.,
red.; KARPOVA, T.V., tekhn. red.

[Taxonomy of plants]Sistematika rastenii. Moskva, Uchpedgiz,
1962. 726 p. (MIRA 16:1)
(Botany—Classification)

MAKSIMOV, Palladiy Petrovich; YEFIMOV, A.L., red.; YEMEL'YANOV, F.V.,
red.; TATURA, G.L., tekhn. red.

[Beekeeping]Pchelovodstvo; posobie dlia uchashchikhsia sel'-
skoi srednei shkoly. Moskva, Uchpedgiz, 1962. 183 p.
(MIRA 16:1)

(Bee culture--Study and teaching)

PREVO, Anatoliy Anatol'yevich; PEL'TSER, Sergey Uskarovich;
KHODANOVICH, Ye.Ye., kand. sel'khoz. nauk, retsenzent;
SAVEL'YEV, I.K., kand. sel'khoz. nauk, retsenzent;
GOLOVKINA, N.M., prepod. sredney shkoly, retsenzent;
YEMEL'YANOV, F.V., red.; YEFIMOV, A.L., red.; TSYPKO, R.V.,
tekhn. red.

[Poultry raising] Ptitssevodstvo; uchebnoe rukovodstvo dlia
uchashchikhsia sel'skikh srednikh shkol s proizvodstvennym
obucheniem. Moskva, Uchpedgiz, 1963. 189 p.

(MIRA 16:10)

(Poultry)

DROZDOV, Leonid Nikolayevich; YEFIMOV, A.L., red.; TSYPPPO, R.V.,
tekhn. red.

[Fundamentals of agricultural knowledge and practical
training at school plots] Osnovy sel'skokhoziaistvennykh
znaniy i prakticheskie raboty na uchastke; uchebnoe po-
sobie dlia pedagogicheskikh uchilishch. Moskva, Uchpedgiz,
1963. 274 p. (MIRA 17:2)

NIKOL'SKIY, Nikolay Nikolayevich; YEFIMOV, A.L., red.; KOZLOVSKAYA,
M.D., tekhn. red.

[Soil science] Pochvovedenie. Moskva, Uchpedgiz, 1963. 303 p.
(MIRA 17:3)

KAPTSINEL', Mikhail Abramovich; KOLESNIKOV, Ye.V.; KORCHAGINA, V.A.;
KORCHAGIN, V.N.; SMOYANINOVA, N.K.; YEFIMOV, A.L., red.;
MAKHOVA, N.N., tekhn. red.

[Fruit culture] Plodovodstvo; uchebno-spravochnoe posobie dlia
IX-XI klassov sel'skoi srednei shkoly s proizvodstvennym obu-
cheniem. [By] M.A. Kapsinel' i dr. Moskva, Uchpedgiz, 1963.
327 p. (MIRA 16:5)

(Fruit culture)

KARNAUKHOV, Ivan Prokof'yevich, dots.; IVANKIN, Vasil'y Kirillovich, prof.; VERESOV, Konstantin Nikolayevich, dots.; BONDARENKO, Nikolay Vasil'yevich, dots.; NIKISHIN, Konstantin Georgiyevich, dots.; LANGE, K.P., kand. sel'khoz. nauk, dots. retsenzent; MERKULOV, M.P., kand. sel'khoz. nauk, dots., retsenzent; NOVIKOV, A.A., kand. sel'khoz. nauk, dots., retsenzent; NOSUL'KO, I.M., st. prepod., retsenzent; SAFRONOVA, O.G., st. prepod., retsenzent; YEFIMOV, A.L., red.

[Fundamentals of agriculture] Osnovy sel'skogo khoziaistva.
3. perer. izd. Moskva, Prosveshchenie, 1965. 646 p.

(MIRA 18:3)

1. Kuybyshevskiy pedagogicheskiy institut (for Lange, Merkulov).
2. Orlovskiy pedagogicheskiy institut (for Novikov, Nosul'ko, Safronova).

YEFIMOV, A.L.

Review of "Poisons used to control hosts and carriers of highly dangerous infections" by V.P.Kazakevich, I.V.Domaradskii, E. E. Bakhrah. Reviewed by A.L.Efimov. Zashch. rast. ot vred. i bol. 4 no.5:61 S-O '59. (MIRA 16:1)
(Insecticides) (Rodenticides) (Kazakevich, V.P.)
(Domaradskii, I.V.) (Bakhrah, E.E.)

GETLING, Yu.V.; YEFIMOV, A.M., doktor ekonomicheskikh nauk, redaktor;
DUGINA, N.A., tekhnicheskiiy redaktor

[For a better utilization of working space] Za luchshee ispol'zovanie
proizvodstvennykh ploshchadei. Moskva, Gos. nauchno-tekhn. izd-vo
mashinostroit. lit-ry, 1954. 33 p. [Microfilm] (MLRA 8:2)
(Machinery industry)

I 12122-66

EW P(e)/EWT(m)/EWP(b)

GS/WH

ACC NR: AT6000489

SOURCE CODE: UR/0000/65/000/000/0177/0181

AUTHOR: Yefimov, A. M.; Kokorina, V. F.

ORG: None

TITLE: Some properties and structure of oxygen free glasses containing heavy elements of Group IV of the periodic system

SOURCE: Vsesoyuznoye soveshchaniye po stekloobraznomu sostoyaniyu. 4th, Leningrad, 1964. Stekloobraznoye sostoyaniye (Vitreous state); trudy soveshchaniya. Leningrad, Izd-vo Nauka, 1965, 177-181

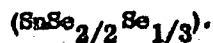
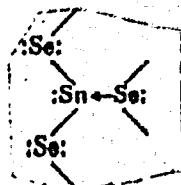
TOPIC TAGS: glass, arsenic compound, germanium compound, selenium compound, tin compound

ABSTRACT: The effect of tin and lead on glass formation and on some physicochemical properties was studied in oxygen-free As-Ge-Se glasses where Ge was gradually replaced by the heavier analogs. In all the systems, As-Ge-Sn-Se, As-Ge-Pb-Se, and As-Ge-Sn-Pb-Se, the introduction of even 5% or less tin or lead caused substantial changes in the position of the boundaries of glass formation as compared with the original As-Ge-Se system, and defects which increased with Sn and Pb content. Tin in glasses with excess Se forms $\text{SnSe}_{4/2}$ tetrahedra, which are the same type of structural elements as those formed by germanium. In the As-Ge-Sn-Se system, as the selenium present becomes insufficient for the formation of $\text{SnSe}_{4/2}$ tetrahedra, the following new structural elements appear:

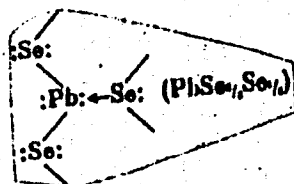
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In the As-Ge-Pb-Se system, as the Ge content increases, similar structural elements are



formed. Orig. art. has: 3 figures.

SUB CODE: 07, 11 / SUBM DATE: 22May65 / ORIG REF: 002 / OTH REF: 003

Cord 2/2

2

Some physico-chemical properties of semiconducting glasses containing tin and lead. A. M. Efimov, V. F. Kokorina.

[New semiconducting glasses based on yellow arsenic and selenium. L. G. Ayo, V. F. Kokorina. (Not presented).]

Report presented at the 3rd National Conference on Semiconductor Compounds, Kishinev, 16-21 Sept 1963

YEFIMOV, A. M.

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962320018-9"

"Some properties and structure of anoxigenous glasses containing heavy elements of the 4th group of the periodic system."

report submitted for 4th All-Union Conf on Structure of Glass, Leningrad, 16-21 Mar 64.

16.4200 16.4100

80208
S/038/60/024/02/06/007

AUTHOR: Yefimov, A.N.

TITLE: Approximation of Continuous Periodic Functions by Fourier Sums

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya matematicheskaya, 1960,
Vol. 24, No. 2, pp. 243-296

TEXT: Let $f(x)$ be a continuous 2π -periodic function, $S_n(f, x)$ its Fourier partial sum. For different classes \mathcal{M} the author gives asymptotically rigorous expressions for $\sup_{f \in \mathcal{M}} \|f(x) - S_n(f, x)\|$. The considered classes \mathcal{M} are characterized either by conditions which must be satisfied by the smoothness modulus of $f'(x)$ or by the possibility of special integral representations for $f(x)$. Some older results of S.M. Nikol'skiy are improved. Altogether the author gives 11 theorems and 6 lemmata. He thanks S.B. Stechkin for the subject and discussions.
There are 13 references: 9 Soviet, 2 Hungarian, 1 Polish and 1 French.
PRESENTED: by M.A. Lavrent'yev, Academician
SUBMITTED: May 30, 1958

Card 1/1

YEFIMOV, A.N.

Organizatsiia potoka v mashinostroenii. Sverdlovsk, 1944, 88 p.

Organization of assembly lines in machine building

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

YEFIMOV, A. N.

Podbor rabot dlia mnogostanochnika. Sverdlovsk, Mashgiz, 1947. 58 p. diagra.

Selection of tasks for a machine-group operator.

MH

DLC: TJJ135.E3

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

YEFIMOV, A. N.

Massovyi pokhod za novuiu tekhniku; opyt provedeniia obshchestvennogo smotra vnedreniia novoi tekhniki i povysheniia kul'tury proizvodstva na mashinostroitel'nykh zavodakh gor. Sverdlovsk. Moskva, Mashgiz, 1948. 41 p.

Mass propaganda campaign in favor of the new technique; experience in conducting a public survey over the introduction of the new technique and the improvement of production at the Sverdlovsk machine-building plants.

DLC: TJ86.S9E45

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

✓EFIMOV, A.N.

Voprosy tekhnicheskogo progressa v SSSR. Moskva, Gospolitizdat, 1951.
172 p.

Chapter 4: Mashinostroenie - osnovnoi ryuchag tekhnicheskogo progressa.
Mechanical engineering is the main lever of the technical progress

Problems of technical progress in the USSR.

DLC: T26.R9E3

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library
of Congress, 1953.

1. YEFIMOV, A. N.
2. USSR (600)
4. Technology
7. Cycle of operations in machine-building. Sverdlosk, Mashgiz. 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

YEFIMOV, Anatoliy Nikolayevich; doktor ekonomicheskikh nauk, professor.
ANDRONOV, I.I., redaktor; DMITRIYEVA, R.F., tekhnicheskii redaktor.

[Role of technology in the development of socialist production.
Rol' tekhniki v razvitii sotsialisticheskogo proizvodstva. Moskva,
Izd-vo "Znanie," 1955. 39 p. (Vsesoiuznoe obshchestvo po raspro-
straneniю politicheskikh i nauchnykh znaniy. Ser.2, no.36)
(Technology) (MLRA 8:9)

YEFIMOV, Anatoliy Nikolayevich; TYAGAY, Ye., redaktor; PIOTROVICH, M..
tekhnicheskiiy redaktor.

[Advanced technology is the basis for the improvement of socialist
industry] Vysshaya tekhnika - baza sovershenstvovaniia sotsialis-
ticheskogo proizvodstva. Moskva, Goz. izd-vo polit. lit-ry, 1955.
213 p. (Efficiency, Industrial) (MIRA 9:4)

YEFIMOV, A.N.

Standard support for milling machines. Rats. i izobr. predl. v strel.
no.11-12 '55. (MLRA 9:7)
(Milling machines--Attachments)

~~YEFIMOV, A.N.~~ doktor ekonomicheskikh nauk, glavnyy redaktor; BOGACHEV, I.N.,
doktor tekhnicheskikh nauk, professor, redaktor; KRIVONOGOV, V.Ya.,
kandidat istoricheskikh nauk, dotsent; KOZLOV, A.G., vedushchiy
redaktor

[Mining and metallurgical industry in the Urals at the end of the 18th
century and the beginning of the 19th; a collection of documents]
Gornozavodskaya promyshlennost' Urala na rubezhe XVIII-XIX vv.;
sbornik dokumental'nykh materialov. Sverdlovsk, 1956. 297 p.
(MIRA 9:11)

1. Akademiya nauk SSSR. Ural'skiy filial, Sverdlovsk. Komissiya
po istorii tekhniki.
(Ural Mountain region--Mineral industries)

YE. F. YEFIMOV, Ph.D., Nikolayevich

YEFIMOV, ANATOLIY NIKOLAYEVICH

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Perestroyka Upravelniya Promyshlennost'ye I Stroitel'stvom V SSR (The Reorganization of the Administration of Industry and Construction in the USSR) Moskva, Gosolitizdat, 1957.

101 p. Dia. rs., Map, Tables (V Pomoshch' Ekonomicheskomu Obrazovaniyu)

~~YEFIMOV, Anatoliy Nikolayevich, prof., doktor ekonomicheskikh nauk;~~
~~POLYAKOVA, N.A., red.;~~ ATROSHCHENKO, L.Ye.. tekhn.red.

[Specialization in industrial production and the economics of
enterprises] Spetsializatsiia promyshlennogo proizvodstva i
ekonomika predpriiatiia. Moskva, Izd-vo "Znanie," 1958. 39 p.
(Vsesoiuznoe obshchestvo po rasprostraneniuiu politicheskikh i
nauchnykh znani. Ser.3, no.39) (MIRA 12:2)
(Industry)

YEFIMOV, Anatoliy Nikolayevich; PODGORNOVA, V., red.; DANILINA, A.,
~~tekhn. red.~~

[Prospects for the development of industry in the U.S.S.R.]
Perspektivy razvitiia promyshlennosti SSSR. Moskva, Gos.
izd-vo polit.lit-ry, 1959. 110 p. (MIRA 12:9)

1. Direktor Nauchno-issledovatel'skogo ekonomicheskogo instituta
Gosplana SSSR (for Yefimov).
(Russia--Industries)

YEFIMOV, A. N.

30(5);25(5)

PHASE I BOOK EXPLOITATION

SOV/2224

Moscow. Nauchno-issledovatel'skiy ekonomicheskiy institut

Voprosy planirovaniya i razmeshcheniya promyshlennosti; sbornik statey
(Problems in the Planning and Distribution of Industry; Collection of
Articles) Moscow, Gosplanizdat, 1959. 226 p. 5,000 copies printed.

Sponsoring Agency: USSR. Gosudarstvennaya planovaya komissiya.

Resp. Ed.: P. M. Alampiyev, Doctor of Economic Sciences; Ed.: P. V.
Kuznetsov; Tech. Ed.: Ye. S. Gerasimova.

PURPOSE: This book is intended for economists, party workers, and
engineering and technical personnel of the machinery-manufacturing industry.

COVERAGE: This collection of articles discusses problems connected with
planning and distribution of Soviet industries. The first two articles
present the problems and advantages of specialized production planning
in machinery manufacturing, emphasizing the importance of specialization
and cooperation in the development of Soviet industry. Electric power
systems and the relation of proper distribution of electric power stations

Card 1/4

Problems in the Planning and Distribution of Industry (Cont.) SS/2224

to the overall electrification of the national economy are discussed in the third article. Several articles deal with the machinery-manufacturing industry and its development. The following six factors influencing the distribution of machinery-manufacturing plants are pointed out: 1) proximity of raw material, 2) power engineering resources, 3) transportation links, 4) qualified workers, engineers, and technicians, 5) presence of scientific, research, and design organizations, and 6) contact with users. The development of Soviet economic regionalization and the factors affecting it are also presented. These factors include production scale and structure, technical progress in industry, the existence and distribution of natural resources, manpower resources, and the development of transportation links. Another article is devoted to the effectiveness of capital investments in the development of the national economy. Problems in the amortization of fixed industrial assets are examined. The planning of new amortization norms and classification and revaluation of fixed assets are discussed. The final article traces the development of the organic chemistry industry in the United States and gives data on the chemical production of major European countries and Japan. No personalities are mentioned. There are no references.

Card 2/4

Problems in the Planning and Distribution of Industry (Cont.) SOV/2224

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<u>Yefimov, A. N.</u> , Doctor of Economic Sciences, and <u>L. Ya. Berri</u> , Doctor of Economic Sciences. Problems in Specialized Production Planning in Machinery Manufacture	3
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Card 3/4

RUMYANTSEV, A.F.; YEFIMOV, A.N.; TEPLOV, G.V.; LOKSHIN, E.Yu.; KARPENKO, A.P.; GRIGOR'YEV, A.Ye.; FILIPPOV, V.F.; PERESLEGIN, V.I.. Prini-
mal uchastiye VOLODARSKIY, L.M.; TYAGAY, Ye., red.; POPOVA, T.,
tekhn.red.

[Economy of socialist industrial enterprises; textbook] Ekonomika
sotsialisticheskikh promyshlennykh predpriyatii; uchebnik. Moskva,
Gos.izd-vo polit.lit-ry, 1959. 591 p. (MIRA 13:3)

1. Kommunisticheskaya partiya Sovetskogo Soyuza. Vysshaya partiynaya
shkola. 2. Zamestitel' nachal'nika TSentral'nogo statisticheskogo
upravleniya SSSR (for Volodarskiy).
(Industrial management)

KLIMOV, Yu.M.; CHIKIN, V.V.; ANISIMOV, N.I.; BARSKOV, I.M.; VINOGRADOV, Yu.V.; GAVRILOV, A.N.; GAUKHMAN, L.A.; GOLOV, A.P.; GOL'DMAN, L.S.; GHEBENNikov, G.I.; YEFIMOV, A.N.; ZALUTSKIY, M.S.; ZAYTSEVA, A.V.; OIYRYSH, A.I.; KANDARITSKIY, V.S.; KAPRANOV, I.A.; KOVALEV, N.I.; KOVALEVSKIY, K.A.; KOLOSOV, A.P.; KRIVOV, A.S.; KRYLOV, R.M.; LEVITAS, A.G.; MALYGIN, M.A.; MORALEVICH, Yu.A.; MOTYLEV, A.S.; NESTEROV, M.V.; NIKOL'SKIY, A.V.; ORLOV, G.M.; ORLOV, Ya.L.; PARENSKIY, V.M.; POLYAKOV, A.S.; RUBIN, V.I.; SVANIDZE, K.N.; STRIGIN, I.A.; TAKOYEV, K.F.; TRUBNIKOV, S.V.; CHERNYSHEVA, L.N.; CHESNOKOV, N.Ye.; SHAMBERG, V.M.; STRUMILIN, S.G., akademik, red.; ANTOSKNIKOVA, L., red.; MIKAEIYAN, E., red.; MUKHIN, Yu., tekhn.red.

[Dictionary of the seven-year plan from A to Z] Slovar' semiletki
ot A do IA. Moskva, Gos.izd-vo polit.lit-ry, 1960. 397 p.
(MIRA 13:7)

(Russia--Economic policy)

YEFIMOV, A.

Methods of determining the effectiveness of over-all mechaniza-
tion and automation. Vop.ekon. no.6:40-50 Je '60.
(MIRA 13:6)

(Machinery in industry) (Automation)

RUMYANTSEV, A.F.; YEFIMOV, A.N.; TEPOV, G.V.; LOKSHIN, Ye.; KARPENKO,
A.P.; GRIGOR'YEV, A.; FILIPPOV, V.F.; PERESLEGIN, V.I.;
VOLODARSKIY, L.M.; RIKOJA, L., red.; JUHANI, I., red.;
EINBERG, K., tekhn. red.

[Economy of socialist industrial enterprises; textbook] So-
tsialistlike toostusettevotete ekonomika; opik. Tallinn, 1961.
435 p. (MIRA 16:1)

(Estonia--Industrial management)

YEFIMOV, A.N.

The 166- heavy-duty lathe with a reinforced concrete bed. Biul.-
tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i tekhn.inform. no.11:
53-55 '62. (MIRA 15:11)

(Lathes)

BELOUSOV, R.A., kand. ekonom. nauk; KRYLOV, P.N., kand. ekonom. nauk;
LEMESHEV, M.Ya., kand. sel'khoz. nauk; IVANOV, Ye.A., nauchnyy
sootr.; KOSTAKOV, V.G., kand. ekonom. nauk; BOGOMOLOV, O.T.,
kand. ekonom. nauk; YEFIMOV, A.N., prof., doktor ekonom. nauk,
red.; KOMINA, Ye., red.; KOROLEVA, A., mladshiy red.; ULANOVA, L.,
tekhn. red.

[Economy of the U.S.S.R. in the postwar period; concise economic
survey] Ekonomika SSSR v poslevoennoy period; kratkii ekonomiche-
skii obzor. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1962. 486 p.
(MIRA 15:2)

1. Nauchno-issledovatel'skiy ekonomicheskii institut Gosudarstven-
nogo ekonomicheskogo soveta SSSR (for Belousov, Krylov, Lemeshev,
Ivanov, Kostakov, Bogomolov). 2. Direktor Nauchno-issledovatel'sko-
go ekonomicheskogo instituta Gosudarstvennogo ekonomicheskogo soveta
SSSR (for Yefimov).

(Russia--Economic conditions)

RUMYANTSEV, A.F.; YEFIMOV, A.N.; TEPOV, G.V.; LOKSHIN, E.Yu.;
KARPENKO, A.P.; GRIGOR'YEV, A.Ye.; FILIPPOV, V.F.;
PERESLEGIN, V.I.; TYAGAY, Ye., red.; TROYANOVSKAYA, N.,
tekhn. red.

[Economics of industrial enterprises; textbook]Ekonomika pro-
myshlennykh predpriyatii; uchebnik. 2., perer. i dop. izd.
Moskva, Gospolitizdat, 1962. 574 p. (MIRA 15:9)

1. Kommunisticheskaya partiya Sovetskogo Soyuza. Vysshaya
partiynaya shkola.

(Industrial management)

YEFIMOV, A.N., glav. red.; BACHURIN, A.V., red.; VOLODARSKIY, L.M., red.; GERSHBERG, S.R., red.; GINZBURG, S.Z., red.; DUNDUKOV, G.F., red.; KIRZHNER, D.M., red.; KLIMENKO, K.I., red.; KOMAROV, F.V., red.; KOROL'KOV, A.N., red.; KITYLOV, P.N., red.; LIVANSKAYA, F.V., red.; LOKSHIN, E.Yu., red.; OSTROVITYANOV, K.V., red.; POSVYANSKIY, S.S., red.; PRUDENSKIY, G.A., red.; RAZUMOV, N.A., red.; RUMYANTSEV, A.F., red.; TATUR, S.K., red.; SHUKHGAL'TER, L.Ya., red.; BAZAROVA, G.V., starshiy nauchnyy red., kand. ekon. nauk; KISEL'MAN, S.M., starshiy nauchnyy red.; GLAGOLEV, V.S., nauchnyy red.; TUMANOVA, N.L., nauchnyy red.; BLAGODARSKAYA, Ye.V., mlad. red.; SHUSTROVA, V.M., mladshiyy red.; GAYDUKOV, Yu.A., kand. ekon. nauk, red.; ZBARSKIY, M.I., red.; LOZOVY, Ya.D., red.; SERGEYEV, A.V., dots., red.; KHEYFETS, L.M., kand. tekhn. nauk, red.; LYUBOVICH, Yu.O., kand. ekon. nauk, red.; SYSOYEV, P.V., red.; KOSTI, S.D., tekhn. red.

[Economic encyclopedia; industry and construction] Ekonomicheskaia entsiklopediia; promyshlennost' i stroitel'stvo.
Chleny red. kollegii: A.V.Bachurin i dr. Moskva, Gos.nauchn. izd-vo "Sovetskaya entsiklopediia." Vol.1. A - M. 1962.
951 p. (MIRA 15:10)

(Russia--Industries--Dictionaries)
(Construction industry--Dictionaries)

YEFIMOV, A. N.

"The problems of progressive changes in the structure of industry"

report to be submitted for the United Nations Conference on the
Application of Science and Technology for the Benefit of the Less
Developed Areas - Geneva, Switzerland, 4-20 Feb 68.

YEFIMOV, Anatoliy Nikolayevich; ANCHISHKIN, Aleksandr Ivanovich;
PAK, G.V., red.; PONOMAREVA, A.A., tekhn. red.

[Cuba is planning its national economy] Kuba planiruet
natsional'nuiu ekonomiku. Moskva, Ekonomizdat, 1963. 78 p.
(MIRA 16:5)

(Cuba--Economic policy)

RUMYANTSEV, A.F.; YEFIMOV, A.N.; TEPOV, G.V.; LOKSHIN, E.Yu.;
KARPENKO, A.P.; GRIGOR'YEV, A.Ye.; FILIPPOV, V.F.;
PERESLEGIN, V.I.; TYAGAY, Ye., red.; TROYANOVSKAYA, N.,
tekhn. red.

[Economics of industrial enterprises] Ekonomika promyshlen-
nykh predpriyatii; uchebnik. 3. izd., perer. Moskva, Gos-
politizdat, 1963. 574 p. (MIRA 16:10)

1. Kommunisticheskaya partiya Sovetskogo Soyuza. Vysshaya
partiynaya shkola.

(Industrial management)

YEFIMOV, A.N., inzh.; STOYAN, Yu.G., inzh.

The use of the electronic digital computers for processing
experimental data. Izv. vys. ucheb. zav.; gor. zhur. 6
no.9:181-190 '63. (MIRA 17:1)

1. Khar'kovskiy institut gornogo mashinostroyeniya, avtomatiki
i vychislitel'noy tekhniki. Rekomendovana kafedroy vychislitel'noy
tekhniki.

YEFIMOV, A.N., glav. red.; DENISOVA, M.D., red.; LACHINA, G.I., red.;
STARIKOVA, L.A., tekhn. red.

[Economics encyclopedia; industry and construction] Ekono-
micheskaja entsiklopediia; promyshlennost' i stroitel'stvo.
Red. kollegiia: A.N.Efimov i dr. Moskva, Sovetskaja en-
tsiklopediia. Vol.2. N - Sev... 1964. 959 p.

(MIRA 17:3)

YEFIMOV, A.N., inzh.

Equations of the external dynamics of mining machinery. Izv.
vys.uchev.zav.:gor.zhur. 7 no. 4:110-118 '64. (MIRA 17:7)

1. Khar'kovskiy institut gornogo mashinostroyeniya, avtomatiki
i vychislitel'noy tekhniki. Rekomendovana kafedroy vychislitel'noy
tekhniki.

YEFIMOV, A.N., inzh.

Statistical analysis of the dynamic properties of the actuating mechanism and motor of a mining machine as links of an automatic control system. Izv. vys. ucheb. zav.; gor. zhur. 7 no.5: 131-140 '64. (MIRA 17:12)

1. Khar'kovskiy institut gornogo mashinostroyeniya, avtomatiki i vychislitel'noy tekhniki. Rekomendovana kafedroy avtomatiki i telemekhaniki.

VOLEBOV, A.A., kand. tekhn. nauk; YAFIMOV, A.N., inzh.; RYBNIKOV, N.P., inzh.

Effect of parametric optimization on the dynamic properties of mining machinery. Izv. vys. ucheb. zav.; gor. zhur. 8 no.1:136-141 '65. (MIRA 18:3)

1. Khar'kovskiy institut gornogo mashinostroyeniya, avtomatiki i vychislitel'noy tekhniki. Rekomendovana kafedroy tekhnicheskoy kibernetiki.

FEDORENKO, N.P., akademik; SUKACHEV, V.N., akademik; KARAKHEYEV, K.K.; FRANK, G.M.; KONSTANTINOV, B.P., akademik; ASTAUROV, B.L.; YEFIMOV, A.N.; SHUMILOVSKIY, N.N.; ISHLINSKIY, A.Yu., akademik; GERASIMOV, I.P., akademik; KAZARNOVSKIY, I.A.; BYKHOVSKIY, B.Ye., akademik; ZHEBRAK, A.R., akademik

Discussion of the annual report. Vest.AN SSSR 35 no.3:95-112
Mr '65. (MIRA 18:4)

1. Prezident AN Kirgizskoy SSR (for Karakeyev).
2. Chleny-korrespondenty AN SSSR (for Frank, Astaurov, Yefimov, Kazarnovskiy).
3. AN Kirgizskoy SSR (for Shumilovskiy).
4. AN BSSR (for Zhebrak).

L 09122-67 EWT(d)/EWT(m)/EWP(w) IJP(c) EM
 ACC NR: AP6032139 SOURCE CODE: UR/0121/66/000/007/0019/0021 38
 AUTHOR: Dolgov, V. A.; Basik, V. S.; Entin, I. Z.; Yefimov, A. N.; Polyakov, Ye. Ye.
 ORG: None
 TITLE: Studying the stressed state of machine tool frame members by the photoelastic
 method 26
 SOURCE: Stanki 1 instrument, no. 7, 1966, 19-21
 TOPIC TAGS: photoelasticity, stress analysis, machine tool
 ABSTRACT: The authors use the optical method for studying the stressed state of roll-
 turning lathe beds. This method can also be used for studying the overall stressed
 state of such a machine. This method makes it possible to determine experimentally
 the isoclinic parameter and main tangential stresses at a given point in the two-di-
 mensional model of a cross section of the frame and to evaluate normal stresses on un-
 loaded contours. "Stress division" is used to determine normal stresses at points ly-
 ing within the cross section contour with respect to the isoclinic parameter and the
 main stress differences. This method is very useful for the experimental determination
 and selection of the optimum shape for the cross section of the bed. Orig. art. has:
 3 figures.
 SUB CODE: 13/ SUBM DATE: None/ ORIG REF: 004 UDC: 621.9-216.6:539.319.001.5
 Cord 1/1 not

YEFIMOV, A.N., kand.tekhn.nauk; RYBNIKOV, E.N., inzh.

Effect of the rigidity of the traction link on the dynamic properties of a chain-type actuating mechanism of a mining machine. Izv.vys.ucheb.zav.; gor.zhur. 8 no.11:89-93 '65.
(MIRA 1961)

1. Khar'kovskiy institut gornogo mashinostroyeniya, avtomatiki i vychislitel'noy tekhniki. Rekomendovana kafedroy tekhnicheskoy kibernetiki. Submitted January 28, 1965.

YEFIMOV, A.N.

System of multipurpose attachments with interchangeable parts,
its present status and future. Standartizatsiia 29 no. 11:
42-43 N '65 (MIRA 19:1)

YEFIMOV, Aleksey Nikolayevich

PHASE I BOOK EXPLOITATION

341

Yefimov, Aleksey Nikolayevich, Parkhuta, Andrey Nikitovich, Tilevich, Izrail' Aleksandrovich, Tuler, Lazar' Srulevich, Fel'dblyum, Boris Borisovich, and Shaposhnikov, Kas'yan Grigor'yevich

Osnovy teorii poleta samoleta (Principles of the Theory of Aircraft Flight) Moscow, Voen. izd-vo Min-va obor. SSSR, 1957. 443 p. No. of copies printed not given.

Ed.: Zakharov, D. M., Engineer-Col.; Tech. Ed.: Myasnikova, T. F.

PURPOSE: This book is intended as an aviation and technical text book on the secondary school level. It may also be used as a textbook in the study of the fundamentals of aircraft flight theory for the flying and technical personnel of the Air Forces and of the All-Union Voluntary Society for the Promotion of the Army, Aviation and Navy. The introduction is intended for readers who embark for the first time upon the study of the fundamentals of aviation. The text is approved as a textbook for military aviation and technical schools by the Chief of the Vuz Administration of the Military Air Force.

Card 1/17

Principles of the Theory (Cont.)

341

COVERAGE: The authors discuss the fundamentals of applied general and high-speed aerodynamics, the fundamentals of the aerodynamics of propellers, aircraft performance, stability, control, maneuvering flight. The book contains 4 tables and 360 figures. There are 29 Soviet references, 4 of which are translations.

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Basic Parts of an Aircraft and Their Purpose	11
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2. Basic characteristics of the air (pressure, temperature, density)	24

~~Card 2/17~~

YEFIMOV, A.N., general-mayor aviatsii, dvazhdy Geroy Sovetskogo Soyuza

Yes, here are the reasons! Vest.Vozd.Fl. no.7:56-58 J1 '61.
(MIRA 14:8)
(Aeronautics, Military--Accidents)

NIKOL'SKIY, A.P.; YEFIMOV, A.N.; YELISEYEV, N.A., nauchnyy red.; PERMINOV,
BLEYKH, E.Yu., tekhn.red.

[Geologic and metallogenic study of the eastern part of the Ukrainian
crystalline shield] Geologo-metallogenicheskii ocherk vostochnoi
chasti Ukrainskogo shchita. Leningrad, 1960. 163. (Leningrad.
Vsesoiuznyi geologicheskii institut. Trudy, vol.37).

(MIRA 13:11)

(Dnieper Valley--Geology, Economic)

S/193/62/000/011/001/001
A004/A101

AUTHOR: Yefimov, A. N.

TITLE: Model 1660 heavy lathe with ferroconcrete bed

PERIODICAL: Byulleten' tekhniko-ekonomicheskoy informatsii, no. 11, 1962,
53 - 55

TEXT: This lathe model was built by the Kramatorskiy zavod tyazhelogo stankostroyeniya (KZTS) (Kramatorsk Heavy Machine Tool Plant) in 1962. The ferroconcrete lathe bed was designed, manufactured and tested together with the Kramatorskiy nauchno-issledovatel'skiy i proyektno-tekhnologicheskii institut tyazhelogo mashinostroyeniya (NIIPTMash) (Kramatorsk Scientific Research and Technological Planning Institute of Heavy Machinery). It is pointed out that, besides the economic efficiency, the use of ferroconcrete for the lathe bed ensures high compression strength, good vibration absorption, simplicity of shaping, high anticorrosion qualities, rigidity and long-time retention of stable dimensions. The lathe is intended for roughing and finishing operations of workpieces up to 30 tons made of cast iron and steel, using high-speed steel and

Card 1/2

S/193/62/000/011/001/001
A004/A101

Model 1660 heavy lathe with ferroconcrete bed

sintered carbide tools. A brief description of the main lathe units and features is presented and the following technical data are given: Maximum length between centers - 6,300 mm; height of centers - 650 mm; maximum diameter of workpiece over the bed - 1,250 mm, over the carriage - 900 mm; maximum weight of workpiece to be machined - 30,000 kg; range of spindle revolutions per minute - 3,15-200 (steplessly adjustable); feed ranges, mm/rev: longitudinal slides - 0.18-8, transverse slides - 0.1-5, upper slides - 0.04-2; thread to be cut: metric thread, pitch in mm - 1-60, inch thread, number of threads per inch - 1/2-30, module thread, pitch in modules - 0.25-20; overall dimensions - 13,200 x 2,500 x 2,060 mm; weight of lathe without electric equipment - 39,100 kg. A comparison of the production costs of the lathe with ferroconcrete bed on the one hand and cast-iron bed on the other shows that 1,181 rubles are saved if ferroconcrete is used as bed material. There is 1 figure.

Card 2/2

VASIL'YEV, V.V.; GOROZHANKIN, Ye.A.; YEFIMOV, A.N.

Investigating the rigidity of the faceplate of a heavy lathe. Stan.
I instr. 36 no.5:32-34. My '65. (MIRA 18:5)

YEFIMOV, A.N.; TETAYEVA, T.M.

First finds of algae in the Ust'Urov region (eastern Transbaikalia).
Geol. i geofiz. no.10:143 '65. (MIRA 18:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut,
Leningrad. Submitted July 30, 1965.

VOLKOV, A.A., kand. tekhn. nauk; YEFIMOV, A.N., inzh.; RYBNIKOV, E.N., inzh.

Studying the correction of the dynamic properties of mine excavating machines by mathematical modeling. Izv. vys. ucheb. zav.; gor. zhur. 8 no.7:174-179 '65. (MIRA 18:9)

1. Khar'kovskiy institut gornogo mashinostroyeniya, avtomatiki i vychislitel'noy tekhniki. Rekomendovana kafedroy tekhnicheskoy kibernetiki.

USSR/Miscellaneous - Book review

Card 1/1 Pub. 133 - 20/23

Authors : Efimov, A. P., Candidate of Technical Sciences

Title : On a new book by S. V. Novakovsky and G. P. Samoylov, entitled, "Frequency Modulation Technique in Radiobroadcasting"

Periodical : Vest. svyazi 8, page 30, Aug 1954

Abstract : The contents of each of the six chapters of the book are briefly outlined. The idea of frequency modulation and its practical application are logically developed; yet the book is said to contain a number of errors. The style of the book is criticized and mistakes in the technical terminology indicated.

Institution : ...

Submitted : ...

YEFIMOV, A.P., otvetstvennyy redaktor; GALOYAN, M.A., redaktor;
LEDNEVA, N.V., tekhnicheskiiy redaktor

[Proposals for increasing the efficiency of radio communication,
radiobroadcasting and the establishment of radio communication
facilities] Ratsionalizatorskie predlozheniia po radiosvazi,
radioveshchaniu, radiofikatsii. Moskva, Gos. izd-vo lit-ry po
voprosam sviazi i radio, 1956. 123 p. (MIRA 9:9)

(Radio)

YEFIMOV, A.P.

AUTHOR: Efimov, A.P. 266

TITLE: The influence of periodic interference on the quality of television reproduction. (Vliyaniye periodicheskoy pomekhi na kachestvo televizionnogo isobrazheniya).

PERIODICAL: "Elektrosvyaz" (Telecommunications), 1957, No.4, April; pp.22-28 (U.S.S.R.)

ABSTRACT: Results are given of an experiment, carried out by the author at the Leningrad Television Centre (Leningradskiy Televisionnyy Tsentr) and the TV Laboratory of MEIS (Laboratoriya televideniya "MEIS") in 1950-1951 on the evaluation of periodic interference on the quality of TV picture. The equipment for the experiment consisted of a TV receiver with two input terminals: one for the video signals and the other for a controlled interference, simulated by a standard signal generator type GSS-6. The mains voltage was regulated to within $\pm 3\%$, the frequency response of the receiver was flat to 4 Mc/s and down by 2.5 db at 6 Mc/s. The quality of pictures was evaluated both by professional and non-specialist personnel having normal and defective sight. Frequencies were kept close to 0.1; 0.2; 0.4; 0.8; 1.6; 3.2 and 6.4 Mc/s for unmodulated and 10, 15, 20 and 25 Mc/s for modulated interference. The following were investigated: the influence of non-modulated interference on stationary and moving pictures

The influence of periodic interference on the quality²⁶⁶
of television reproduction; (Cont.)

and of modulated interference on moving pictures only. Four types of interference were distinguished: so strong that no picture could be followed (graphs 2 and 3 of the signal/interference relation); noticeable but permitting the viewing with a satisfactory quality of the picture (graph 3); barely to be seen and finally not noticeable. The following conclusions were drawn: the non-modulated interference is visible up to 3 Mc/s. Above this figure it produces only changes in brightness and contrast; the modulated interference is more noticeable, especially at frequencies above 3 Mc/s; the allowable signal-to-interference ratio depends on the frequency of same. It is 45 db at frequencies below 0.2 Mc/s, falls with frequency and is 16 db only at frequencies near the upper limit of the video pass-band (when it becomes aharmonic of the line frequency). Large variations of signal-to-interference ratio (15 to 20 db) were observed for small variations of the interference frequency (appr. 8 kc/s), which could help to reduce the interference of any TV channel. It is thought that there should be a differential scale instead of the fixed standard signal-to-interference figure of 55 db, depending on the frequency at which the interference occurs (the figure of 55 db is recommended by

The influence of periodic interference on the quality²⁶⁶
of television reproduction. (Cont.)

MKKF. The block diagram of the experimental measuring
equipment, four graphs and one table of allowable
values of signal-to-interference figure are given.
There are three references, one of which is Russian.

AUTHOR
TITLE

YEFIMOV A.P., acting member of the society.

PA - 2823

PERIODICAL

Determination of the permissible amount of periodic interference in a television plant. (Opredeleniy dopustimoy velichiny periodicheskoy pomekhi v televisionnom trakte.- Russian)
Radiotekhnika 1957, Vol 12, Nr 3, pp 45 - 52 (U.S.S.R.)

ABSTRACT

Received: 5/1957

Reviewed: 6/1957

Questions connected with the influence of the periodic interferences on the quality of the television picture so far not been dealt with in Soviet publications. Here the permissible amount of interferences is brought into connection with some characteristics of the plant and the peculiarities of television. As a result of theoretical and experimental investigations the following may be said:

- 1.) The amount (S/int) perm (S-signal, int-interference, perm-permissible) in the plant and hence also the quantity of the permissible voltage of the interference can be determined by computation on the basis of some characteristics of television and the form of the amplitude characteristic including the reception valve.
- 2.) the possibility of recognizing the image of the interferences depends upon the relative distinctness of that part of the

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Determination of the permissible amount of periodic interference in a television plant.

picture on which the interference image is impressed. The most dangerous are the "grey fields" with a relative distinctness of the order of 0,2 - 0,3 and 0,12 - 0,2 respectively, according to the intensity of the contrast β .

3.) Computations show that an increase of the parameter γ of the valve causes a decrease of (S/int) perm i.e. an increase of the permissible interference voltage. If γ increases up to 2 - 2,5 then (S/int) perm remains approximately constant almost within the entire range of modification of relative distinctness. An increase of γ up to 2 - 2,5 is therefore desirable for a decrease of the distinctness of interference images.

4.) For periodic interferences which form an image in the form of verticals or slightly inclined stripes the amount (S/int) perm is equal to 45 to 46 db at frequencies below 0,2 MHz and decreases with increasing frequency. On the upper limit of the transmission stripe it approximately amounts to 16 db. (With $\beta = 6$ and $\gamma = 1,5$)

(7 illustrations and 2 citations from Slav publications.)

ASSOCIATION: not given.

PRESENTED BY: -

SUBMITTED: 25.7. 1957

CARD 2/2

SOV/142-58-4-24/30

AUTHOR: Yefimov, A.P., Candidate of Technical Sciences

TITLE: The All-Union Electro-Engineering Correspondence
Institute for Communications (Vsesoyuznyy zaochnyy
elektrotekhnicheskii institut svyazi)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy - Radiotekhnika,
1958, Nr 4, p 513 (USSR)

ABSTRACT: Scientific research in the field of radio engineering
is being carried out in the Departments of Radio
Engineering (Docent G.M.Bartenev), Radio-Transmission
and Reception Equipment (A.A.Pirigov, Docent) and
Broadcasting (V.N.Aksenov, Dotsent). G.M.Bartenev is
working on the theme: Analysis of statistical data of
sudden ionosphere attenuation on short waves. A.A.
Pirogov has worked out a design for a mastless
(ballistic) antenna. Docent Aksenov carried out
research on grid modulation with increased use of
anode voltage. Candidate of Technical Sciences, A.P.
Yefimov investigated the effect of periodic and non-

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SOV/142-58-4-24/30

The All-Union Electro-Engineering Correspondence Institute for Communications

periodic interference on the quality of television reception. Yu N. Serebryakov designed an apparatus of improved accuracy for measuring the frequency characteristics of channel attenuation in long distance telephone communications. O.V.Kharizomenov in cooperation with the All-Union Institute for Sound Recording worked out a method for measuring phase shift angles at high frequencies. Docent Ye.V.Kitayev has developed several types of transistorized dc converters using semi-conductors for radio power supply.

ASSOCIATION: Vsesoyuznyy zaachnyy elektrotekhnicheskii institut svyazi (All-Union Electro-Engineering Correspondence Institute for Communications)

SUBMITTED: March 28, 1958

Card 2/2

6(4)

SOV/108-13-11-9/15

AUTHOR:

Yefimov, A. P.

TITLE:

Selection of the Material for the Electromagnetic
Shielding of Rooms (Vybor materiala dlya elektromagnitnogo
ekranirovaniya pomescheniy)

PERIODICAL:

Radiotekhnika, 1958, Vol 13, Nr 11, pp 60-66 (USSR)

ABSTRACT:

Already in 1948 the author suggested that for the purpose of
shielding rooms steel be used instead of copper (Refs 4, 5).
This was carried out in practice for the first time by V. G.
Kozinskiy at the Leningradskiy televizionnyy tsentr (Leningrad
Television Center) in 1951. The use of steel for the purpose of
shielding rooms was strongly advocated by the collaborators of
the Tsentral'naya laboratoriya po bor'be s industrial'nymi
pomekhami radiopriyemu (TsLIR) (Central Laboratory for the
Elimination of Industrial Interference/Radio Reception'. However,
objections are still being raised against the use of steel for
the purpose of screening-off rooms. These objections are shown
to be unfounded. The most serious argument, which, however, was
not made by anybody objecting to the use of steel, is the
increased transition-resistance at the abutting points of steel

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Selection of the Material for the Electromagnetic
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plates compared to that of copper plates. It is, however, shown, that the damaging influence caused by these gaps can be counteracted by means of connecting flanges. The role of such flanges can well be played by the weld points in the plates. - Instead of metal sheets also metal lattices can be used, the behavior of which differs from that of the sheets or plates. When selecting the material for a lattice screen greatest attention must be paid to choosing a suitable lattice-spacing. The material used must satisfy the following 4 demands:

- 1) The screening- or shielding effect must be as high as possible.
- 2) Stability against corrosion, and mechanical strength.
- 3) Low costs.
- 4) Assembly must be easy and involve low costs.

- The first two demands are met satisfactorily by steel- and copper sheets as well as by a copper lattice. With respect to the demands mentioned under 3) and 4), steel will be found more satisfactory.

Card 2/3

PHASE I BOOK EXPLOITATION

SOV/5270

Yefimov, Arkadiy Pavlovich

Svetotekhnicheskoye oborudovaniye televizionnykh studiy (Lighting Equipment of Television Studios) Moscow, Gosenergoizdat, 1960.
150 p. 4,000 copies printed.

Ed.: N. F. Yakovlev; Tech. Ed.: G. Ye. Larionov.

PURPOSE: This book is intended for technical personnel concerned with television broadcasting. It may also be used as a textbook by university and tekhnikum students studying television.

COVERAGE: The book presents the fundamentals of optics and illuminating engineering applicable to television broadcasting, and reviews the lighting equipment of television studios. The principles for computing the illumination of studio stage platforms are explained. No personalities are mentioned. There are 7 references, all Soviet.

Card ~~1~~/4

YEFIMOV, A.P., kand.tekhn.nauk

Improve the training of radiobroadcasting and television specialists. Vest. svyazi 20 no.4:31 Ap '60. (MIRA 13:7)

1. Dekan fakul'teta radiosvyazi i radioveshchaniya
Vnesoyuznogo zaobnogo elektrotekhnicheskogo instituta
svyazi.
(Radiobroadcasting) (Television)

SHIRSHOV, Yevgeniy Mikhaylovich; YEFIMOV, A.P., otv. red.;
MAKSAKOVA, A.I., red.;

[Applications of dynamic band compressors]. Primenenie
szhimatelei dinamicheskogo diapazona; uchebnoe posobie
dlya slushatelei fakul'teta usovershenstvovaniia. Mo-
skva, 1962. 52 p. (MIRA 16:11)

1. Vsesoyuznyy zaochnyy elektrotekhnicheskii institut
svyazi.

(Radio)

SEREBRYAKOV, Yuriy Ivanovich; YEFIMOV, A.P., otv. red.; MAKSAKOVA,
A.I., red.

[Synchronization in television; lecture for students of the
6th course of the Federation of Radio Sport and Broadcasting
and in courses for improvement for auditors of qualifications]
Sinkhronizatsiia v televidenii; lektsiia dlia studentov VI kur-
sa FRSiV i slushatelei kursov povysheniia kvalifikatsii. Mo-
skva, Vses. zaachnyi elektrotekhn. in-t sviazi, 1963. 27 p.
(MIRA 174)